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 NEWS  1           Web Page for STN Seminar Schedule - N. America
 NEWS  2  MAY 01   New CAS web site launched
 NEWS  3  MAY 08   CA/CAplus Indian patent publication number format defined
 NEWS  4  MAY 14   RDISCLOSURE on STN Easy enhanced with new search and display
                   fields
 NEWS  5  MAY 21   BIOSIS reloaded and enhanced with archival data
 NEWS  6  MAY 21   TOXCENTER enhanced with BIOSIS reload
 NEWS  7  MAY 21   CA/CAplus enhanced with additional kind codes for German
                   patents
 NEWS  8  MAY 22   CA/CAplus enhanced with IPC reclassification in Japanese
                   patents
 NEWS  9  JUN 27   CA/CAplus enhanced with pre-1967 CAS Registry Numbers
 NEWS 10  JUN 29   STN Viewer now available
 NEWS 11  JUN 29   STN Express, Version 8.2, now available
 NEWS 12  JUL 02   LEMBASE coverage updated
 NEWS 13  JUL 02   LMEDLINE coverage updated
 NEWS 14  JUL 02   SCISEARCH enhanced with complete author names
 NEWS 15  JUL 02   CHEMCATS accession numbers revised
 NEWS 16  JUL 02   CA/CAplus enhanced with utility model patents from China
 NEWS 17  JUL 16   CAplus enhanced with French and German abstracts
 NEWS 18  JUL 18   CA/CAplus patent coverage enhanced
 NEWS 19  JUL 26   USPATFULL/USPAT2 enhanced with IPC reclassification
 NEWS 20  JUL 30   USGENE now available on STN
 NEWS 21  AUG 06   CAS REGISTRY enhanced with new experimental property tags
 NEWS 22  AUG 06   BEILSTEIN updated with new compounds
 NEWS 23  AUG 06   FSTA enhanced with new thesaurus edition
 NEWS 24  AUG 13   CA/CAplus enhanced with additional kind codes for granted
                   patents

 NEWS EXPRESS  29 JUNE 2007:  CURRENT WINDOWS VERSION IS V8.2,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 10:29:53 ON 15 AUG 2007
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=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:30:10 ON 15 AUG 2007
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STRUCTURE FILE UPDATES:   14 AUG 2007  HIGHEST RN 944643-48-5
DICTIONARY FILE UPDATES:  14 AUG 2007  HIGHEST RN 944643-48-5

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\Stnexp\Queries\10719369.str
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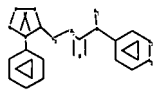

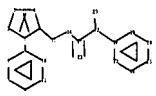

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chain nodes :
13  14  15  22  23  27
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  16  17  18  19  20  21
chain bonds :
1-9  5-13  13-14  14-15  15-22  15-23  18-22  22-27
ring bonds :
1-2  1-5  2-3  3-4  4-5  6-7  6-11  7-8  8-9  9-10  10-11  16-17  16-21  17-18
18-19  19-20  20-21
exact/norm bonds :
1-2  1-5  1-9  2-3  3-4  4-5  5-13  13-14  14-15  15-22  15-23  16-17  16-21  17-18
 18-19  18-22  19-20  20-21  22-27
normalized bonds :
6-7  6-11  7-8  8-9  9-10  10-11
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G1:O,S

G2:C,N

G3:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 13:CLASS 14:CLASS 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:CLASS 23:CLASS 27:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sam
SAMPLE SEARCH INITIATED 10:30:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 344 TO ITERATE

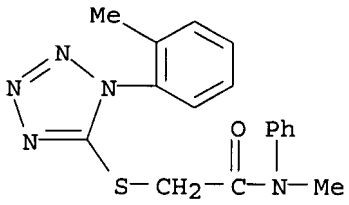
100.0% PROCESSED 344 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5768 TO 7992
PROJECTED ANSWERS: 3853 TO 5707

L2 50 SEA SSS SAM L1

=> d 1

L2 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN
RN 939925-94-7 REGISTRY
ED Entered STN: 28 Jun 2007
CN Acetamide, N-methyl-2-[[1-(2-methylphenyl)-1H-tetrazol-5-yl]thio]-N-phenyl-
(CA INDEX NAME)
MF C17 H17 N5 O S
SR Chemical Library
Supplier: AKos Consulting and Solutions GmbH



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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FULL SEARCH INITIATED 10:31:28 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6351 TO ITERATE

100.0% PROCESSED 6351 ITERATIONS 4346 ANSWERS
SEARCH TIME: 00.00.01

L3 4346 SEA SSS FUL L1

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=> file caplus medline
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     174.95     175.16

FILE 'CAPLUS' ENTERED AT 10:32:14 ON 15 AUG 2007
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FILE 'MEDLINE' ENTERED AT 10:32:14 ON 15 AUG 2007

=> s l3
L4           21 L3

=> d ibib abs 1-21

L4   ANSWER 1 OF 21  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2007:137435  CAPLUS
DOCUMENT NUMBER:          146:371809
TITLE:                    High-throughput assay for the identification of Hsp90
                          inhibitors based on Hsp90-dependent refolding of
                          firefly luciferase
AUTHOR(S):                Galam, Lakshmi; Hadden, M. Kyle; Ma, Zeqiang; Ye,
                          Qi-Zhuang; Yun, Bo-Geon; Blagg, Brian S. J.; Matts,
                          Robert L.
CORPORATE SOURCE:         Department of Biochemistry and Molecular Biology, NRC
                          246, Oklahoma State University, Stillwater, OK, 74078,
                          USA
SOURCE:                   Bioorganic & Medicinal Chemistry (2007), 15(5),
                          1939-1946
                          CODEN: BMECEP; ISSN: 0968-0896
PUBLISHER:                Elsevier Ltd.
DOCUMENT TYPE:            Journal
LANGUAGE:                 English
AB   Previously, we have demonstrated that the renaturation of heat denatured
     firefly luciferase is dependent upon the activity of Hsp90 in rabbit
     reticulocyte lysate. Here, we demonstrate that this assay may identify
     inhibitors that obstruct the chaperone activity of Hsp90 either by direct
     binding to its N-terminal or C-terminal nucleotide binding sites or by
     interference with the ability of the chaperone to switch conformations.
     The assay was adapted and optimized for high-throughput screening.
     Greater than 20,000 compds. were screened to demonstrate the feasibility
     of using this assay on a large scale. The assay was reproducible (av
     Z-factor = 0.62) and identified 120 compds. that inhibited luciferase
     renaturation by greater than 70% at a concentration of 12.5 μg/mL. IC50
     values for twenty compds. with varying structures were determined for
     inhibition of luciferase refolding and in cell-based assays for Hsp90
     inhibition. Several compds. had IC50 values <10 μM and represent a number
     of new lead structures with the potential for further development and
     optimization as potent Hsp90 inhibitors.
REFERENCE COUNT:          44    THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4   ANSWER 2 OF 21  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2006:315155  CAPLUS
DOCUMENT NUMBER:          145:8103
TITLE:                    Tetrazole thioacetanilides: Potent non-nucleoside
                          inhibitors of WT HIV reverse transcriptase and its
                          K103N mutant
AUTHOR(S):                Muraglia, Ester; Kinzel, Olaf D.; Laufer, Ralph;
                          Miller, Michael D.; Moyer, Gregory; Munshi, Vandna;
                          Orvieto, Federica; Palumbi, Maria Cecilia; Pescatore,
                          Giovanna; Rowley, Michael; Williams, Peter D.; Summa,
```

Vincenzo
CORPORATE SOURCE: Department of Medicinal Chemistry, IRBM/MRL Rome, Rome, 00040, Italy
SOURCE: Bioorganic & Medicinal Chemistry Letters (2006), 16(10), 2748-2752
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 145:8103
AB A series of aryltetrazolylacetanilides was synthesized and evaluated as HIV-1 non-nucleoside reverse transcriptase inhibitors on wild-type virus and on the clin. relevant K103N mutant strain. Extensive SAR investigation led to potent compds., with nanomolar activity on K103N, and orally bioavailable in rats.
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:103871 CAPLUS
DOCUMENT NUMBER: 144:192238
TITLE: Preparation of N-(4-sulfamoylphenyl) amides as inhibitors of voltage-gated sodium channels
INVENTOR(S): Gonzalez, Jesus E.; Termin, Andreas P.; Martinborough, Esther; Zimmerman, Nicole
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 353 pp., Cont.-in-part of U.S. Ser. No. 914,988.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2006025415	A1	20060202	US 2005-60719		20050217
US 2005137190	A1	20050623	US 2004-914988		20040809
PRIORITY APPLN. INFO.:			US 2003-493659P	P	20030808
			US 2004-584717P	P	20040704
			US 2004-914988	A2	20040809

OTHER SOURCE(S): CASREACT 144:192238; MARPAT 144:192238
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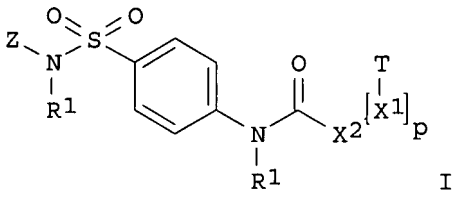

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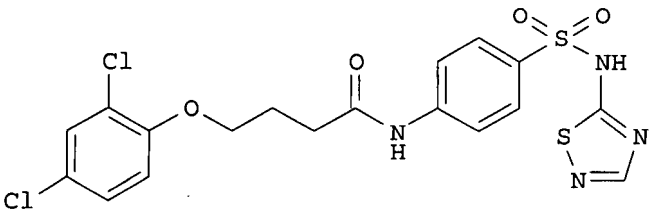

II

AB The title compds. I [R1 = H, (un)substituted alkyl; X1 = O, S, (un)substituted NH; p = 0-1; X2 = (un)substituted alkylene; Z = thiazolyl, imidazolyl, oxazolyl, etc.; T = (un)substituted Ph, 8-14 membered (non)aromatic bicyclic or tricyclic ring having 0-5 heteroatoms selected from O, S, N, NH, SO, SO2, etc.], useful as inhibitors of voltage-gated sodium channels, were prepared E.g., a multi-step synthesis of II, starting from 2,4-dichlorophenol and Et 4-bromobutyrate, was given. The compds. I were found to inhibit voltage-gated sodium channels at 25.0 μM or less. I were also found possess desired N-type calcium channel modulation activity and selectivity (no data given). The invention also provides pharmaceutically acceptable compns. comprising the compds. I and methods of using the compns. in the treatment of various disorders.

L4 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:1311545 CAPLUS
DOCUMENT NUMBER: 144:51586
TITLE: Preparation of acetamide derivatives as reverse transcriptase inhibitors for treatment of HIV
INVENTOR(S): Deroy, Patrick; Faucher, Anne-Marie; Gagnon, Alexandre; Landry, Serge; Morin, Sebastien; O'Meara, Jeffrey; Simoneau, Bruno; Thavonekham, Bounkham; Yoakim, Christiane
PATENT ASSIGNEE(S): Boehringer Ingelheim International GmbH, Germany; Boehringer Ingelheim Pharma Gmbh & Co KG
SOURCE: PCT Int. Appl., 206 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005118575	A1	20051215	WO 2005-CA907	20050530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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US 2005282907	A1	20051222	US 2005-137831	20050524
CA 2555633	A1	20051215	CA 2005-2555633	20050530
EP 1756091	A1	20070228	EP 2005-757660	20050530
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				

PRIORITY APPLN. INFO.: US 2004-575888P P 20040601
WO 2005-CA907 W 20050530
OTHER SOURCE(S): CASREACT 144:51586; MARPAT 144:51586
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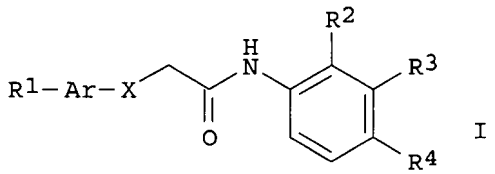

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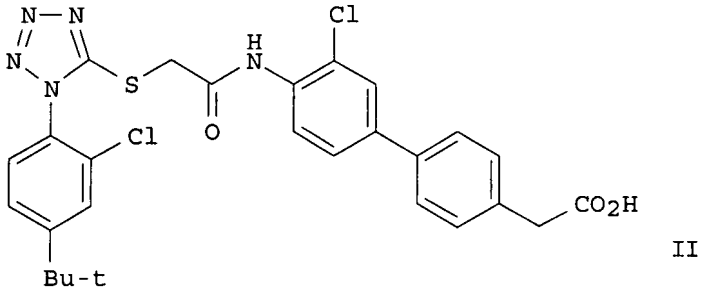

II

AB The title compds. I [wherein Ar = (un)substituted 5-membered aromatic heterocycle; X = O or S; R1 = (un)substituted Ph; R2 = halo, NO2, or alkyl; R3 = H or halo; R4 = (un)substituted Ph, alkenyl, heteroaryl, etc.] or enantiomers, diastereomers, tautomers, or pharmaceutically acceptable salts thereof were prepared as reverse transcriptase inhibitors against wild type and single or double mutant strains of HIV for the treatment or prophylaxis of HIV infection. For example, the compound II was prepared in a multi-step synthesis. The enzymic assay was conducted.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1291889 CAPLUS

DOCUMENT NUMBER: 144:36351

TITLE: Preparation of tetrazolyl derivatives as HIV reverse transcriptase inhibitors

INVENTOR(S): Shaw-Reid, Cathryn A.; Miller, Michael D.; Hazuda, Daria J.; Ferrer, Marc; Sur, Sylvie M.; Summa, Vincenzo; Lyle, Terry A.; Kinzel, Olaf; Pescatore, Giovanna; Muraglia, Ester; Orvieto, Federica; Williams, Peter D.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.

SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005115147	A2	20051208	WO 2005-US16671	20050512
WO 2005115147	A3	20070419		

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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,

RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2004-572168P P 20040518

OTHER SOURCE(S): MARPAT 144:36351

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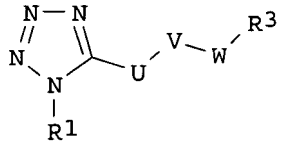

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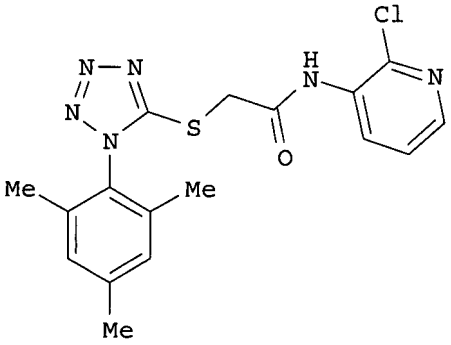

II

AB Title compds. I [U = O, S, SO, SO2, NH and derivs.; V = (un)substituted alkylene; W = CONH2 and derivs. or a direct bond linking V to R3; R1 = (un)substituted hetero/aryl with the proviso that R1 is not unsubstituted Ph; R3 = (un)substituted hetero/aryl; and their pharmaceutically acceptable salts] were prepared as HIV reverse transcriptase and HIV replication inhibitors. Tetrazoles I are useful in the prevention and treatment of infection by HIV and in the prevention, delay in the onset, and treatment of AIDS. For example, cyclization of 2,4,6-trimethylphenyl isothiocyanate with NaN3, S-alkylation with chloroacetic acid, and amidation of the acid with 2-chloro-3-aminopyridine gave tetrazole II. I displayed IC50's less than 2 μM for the inhibition of HIV reverse transcriptase in vitro. I had IC95's less than 10 μM for the inhibition of acute HIV infection of T-lymphoid cells. I can be employed in pharmaceutical compns., optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines.

L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:136505 CAPLUS

DOCUMENT NUMBER: 142:240421

TITLE: Preparation of N-(4-sulfamoylphenyl) amides as inhibitors of voltage-gated sodium channels

INVENTOR(S): Gonzales, Jesus E., III; Termin, Andreas P.; Martinborough, Esther; Zimmerman, Nicole

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 332 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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AU 2004263179	A1	20050217	AU 2004-263179		20040809
CA 2539227	A1	20050217	CA 2004-2539227		20040809
EP 1673357	A2	20060628	EP 2004-780632		20040809
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CN 1863785	A	20061115	CN 2004-80029349		20040809
JP 2007501804	T	20070201	JP 2006-522803		20040809
NO 2006001092	A	20060427	NO 2006-1092		20060307
IN 2006KN00546	A	20070803	IN 2006-KN546		20060307
PRIORITY APPLN. INFO.:			US 2003-493659P	P	20030808
			US 2004-584717P	P	20040704
			WO 2004-US25827	W	20040809

OTHER SOURCE(S): CASREACT 142:240421; MARPAT 142:240421

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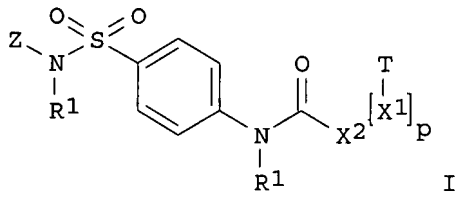

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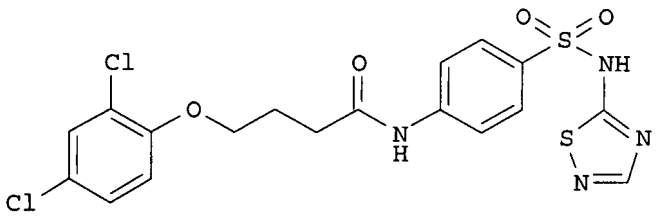

II

AB The title compds. I [R1 = H, (un)substituted alkyl; X1 = O, S, (un)substituted NH; p = 0-1; X2 = (un)substituted alkylene; Z = thiazolyl, imidazolyl, oxazolyl, etc.; T = (un)substituted Ph, 8-14 membered (non)aromatic bicyclic or tricyclic ring having 0-5 heteroatoms selected from O, S, N, NH, SO, SO2, etc.], useful as inhibitors of voltage-gated sodium channels, were prepared E.g., a multi-step synthesis of II, starting from 2,4-dichlorophenol and Et 4-bromobutyrate, was given. The compds. I were found to inhibit voltage-gated sodium channels at 25.0 μM or less. The invention also provides pharmaceutically acceptable compns. comprising the compds. I and methods of using the compns. in the treatment of various disorders.

L4 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:991105 CAPLUS

DOCUMENT NUMBER: 142:126547
TITLE: Identification of Novel Parasitic Cysteine Protease Inhibitors Using Virtual Screening. 1. The ChemBridge Database
AUTHOR(S): Desai, Prashant V.; Patny, Akshay; Sabnis, Yogesh; Tekwani, Babu; Gut, Jiri; Rosenthal, Philip; Srivastava, Anuradha; Avery, Mitchell
CORPORATE SOURCE: Department of Medicinal Chemistry, School of Pharmacy and Department of Chemistry and Biochemistry, University of Mississippi, University, MS, 38677-1848, USA
SOURCE: Journal of Medicinal Chemistry (2004), 47(26), 6609-6615
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Trypanosomiasis, leishmaniasis, and malaria are major parasitic diseases in developing countries. The existing chemotherapy of these diseases suffers from lack of safe and effective drugs and/or the presence of widespread drug resistance. Cysteine proteases are exciting novel targets for antiparasitic drug design. Virtual screening was performed in an attempt to identify novel drug-like nonpeptide inhibitors of parasitic cysteine proteases. The ChemBridge database consisting of approx. 241 000 compds. was screened against homol. models of falcipain-2 and falcipain-3 in three consecutive stages of docking. A total of 24 diverse inhibitors were identified from an initial group of 84, of which 12 compds. appeared to be dual inhibitors of falcipain-2 and falcipain-3. Four compds. showed inhibition of both the malarial cysteine proteases as well as Leishmania donovani cysteine protease.

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:878302 CAPLUS
DOCUMENT NUMBER: 141:360694
TITLE: Combination therapy using an 11β-hydroxysteroid dehydrogenase type 1 inhibitor and an antihypertensive agent for the treatment of metabolic syndrome and related diseases and disorders
INVENTOR(S): Kampen, Gita Camilla Tejlgaard; Andersen, Henrik Sune
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 297 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004089416	A2	20041021	WO 2004-DK254	20040406
WO 2004089416	A3	20050303		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1615666	A2	20060118	EP 2004-725887	20040406

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR					
JP 2006522750	T	20061005	JP 2006-504357		20040406
EP 1782859	A2	20070509	EP 2007-102700		20040406
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
EP 1785424	A2	20070516	EP 2007-102701		20040406
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
EP 1787982	A2	20070523	EP 2007-102177		20040406
EP 1787982	A3	20070530			
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
US 2006111348	A1	20060525	US 2005-254125		20051011
PRIORITY APPLN. INFO.:			DK 2003-565	A	20030411
			DK 2003-566	A	20030411
			DK 2003-567	A	20030411
			DK 2003-569	A	20030411
			DK 2003-570	A	20030411
			DK 2003-571	A	20030411
			US 2003-467284P	P	20030502
			US 2003-467362P	P	20030502
			US 2003-467363P	P	20030502
			US 2003-467437P	P	20030502
			US 2003-467453P	P	20030502
			US 2003-467800P	P	20030502
			DK 2003-776	A	20030522
			DK 2003-777	A	20030522
			US 2003-474421P	P	20030530
			US 2003-475157P	P	20030602
			DK 2003-972	A	20030627
			DK 2003-988	A	20030630
			DK 2003-989	A	20030630
			DK 2003-990	A	20030630
			DK 2003-998	A	20030702
			US 2003-486078P	P	20030710
			US 2003-486094P	P	20030710
			US 2003-486095P	P	20030710
			US 2003-486097P	P	20030710
			US 2003-486098P	P	20030710
			DK 2003-1910	A	20031222
			DK 2004-9	A	20040106
			US 2004-537099P	P	20040116
			EP 2004-725884	A3	20040406
			EP 2004-725888	A3	20040406
			EP 2004-725889	A3	20040406
			WO 2004-DK254	W	20040406

OTHER SOURCE(S): MARPAT 141:360694

AB The invention discloses combination therapy comprising the administration of an 11β-hydroxysteroid dehydrogenase type 1 inhibitor and an antihypertensive agent useful for treating, preventing and reducing the risk of developing insulin resistance, dyslipidemia, obesity, hypertension and other related diseases and disorders.

L4 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:878301 CAPLUS

DOCUMENT NUMBER: 141:360721

TITLE: Combination therapy using an 11β-hydroxysteroid dehydrogenase type 1 inhibitor and a glucocorticoid receptor agonist to treat cancer and inflammation-associated diseases and to minimize the side effects associated with glucocorticoid receptor agonist therapy

INVENTOR(S): Kampen, Gita Camilla Tejlgaard; Andersen, Henrik Sune

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 305 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004089415	A2	20041021	WO 2004-DK248	20040406
WO 2004089415	A3	20050310		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1615667	A2	20060118	EP 2004-725890	20040406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2006522744	T	20061005	JP 2006-504351	20040406
EP 1782859	A2	20070509	EP 2007-102700	20040406
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
EP 1785424	A2	20070516	EP 2007-102701	20040406
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
EP 1787982	A2	20070523	EP 2007-102177	20040406
EP 1787982	A3	20070530		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 2006094699	A1	20060504	US 2005-246814	20051007

PRIORITY APPLN. INFO.:			
	DK 2003-565	A	20030411
	DK 2003-566	A	20030411
	DK 2003-568	A	20030411
	DK 2003-569	A	20030411
	DK 2003-570	A	20030411
	DK 2003-571	A	20030411
	US 2003-467284P	P	20030502
	US 2003-467362P	P	20030502
	US 2003-467363P	P	20030502
	US 2003-467443P	P	20030502
	US 2003-467453P	P	20030502
	US 2003-467800P	P	20030502
	DK 2003-776	A	20030522
	DK 2003-778	A	20030522
	US 2003-475157P	P	20030602
	US 2003-475195P	P	20030602
	DK 2003-972	A	20030627
	DK 2003-988	A	20030630
	DK 2003-989	A	20030630
	DK 2003-990	A	20030630
	DK 2003-998	A	20030702
	US 2003-486078P	P	20030710
	US 2003-486094P	P	20030710
	US 2003-486095P	P	20030710
	US 2003-486097P	P	20030710
	US 2003-486098P	P	20030710
	DK 2003-1910	A	20031222
	DK 2004-9	A	20040106

US 2004-537099P	P	20040116
DK 2003-567	A	20030411
DK 2003-777	A	20030522
EP 2004-725884	A3	20040406
EP 2004-725888	A3	20040406
EP 2004-725889	A3	20040406
WO 2004-DK248	W	20040406

OTHER SOURCE(S): MARPAT 141:360721

AB The invention discloses combination therapy comprising the administration of an 11β-hydroxysteroid dehydrogenase type 1 inhibitor and a glucocorticoid receptor agonist for treating some forms of cancer, diseases and disorders having inflammation as a component, and to minimize the side effects associated with glucorticoid receptor agonist therapy.

L4 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:872724 CAPLUS

DOCUMENT NUMBER: 141:366223

TITLE: Pharmaceutical use of substituted amides as 11β-hydroxysteroid dehydrogenase type 1 modulators, especially inhibitors, for treating metabolic

INVENTOR(S): Andersen, Henrik Sune; Kampen, Gita Camilla Tejlgaard; Christensen, Inge Thoger; Mogensen, John Patrick; Larsen, Annette Rosendal; Kilburn, John Paul

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 236 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004089470	A2	20041021	WO 2004-DK250	20040406
WO 2004089470	A3	20041223		
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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1615698	A2	20060118	EP 2004-725891	20040406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2006522746	T	20061005	JP 2006-504353	20040406
EP 1787982	A2	20070523	EP 2007-102177	20040406
EP 1787982	A3	20070530		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 2006111366	A1	20060525	US 2005-265794	20051011

PRIORITY APPLN. INFO.:		
DK 2003-565	A	20030411
US 2003-467800P	P	20030502
DK 2003-972	A	20030627
DK 2003-988	A	20030630
DK 2003-989	A	20030630
DK 2003-990	A	20030630
DK 2003-998	A	20030702
US 2003-486078P	P	20030710
US 2003-486094P	P	20030710

US 2003-486095P	P	20030710
US 2003-486097P	P	20030710
US 2003-486098P	P	20030710
DK 2003-1910	A	20031222
DK 2004-9	A	20040106
US 2004-537099P	P	20040116
EP 2004-725888	A3	20040406
WO 2004-DK250	W	20040406

OTHER SOURCE(S): MARPAT 141:366223
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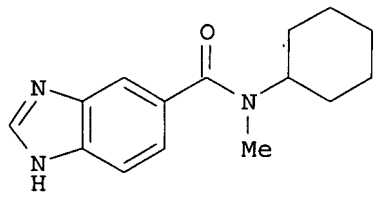

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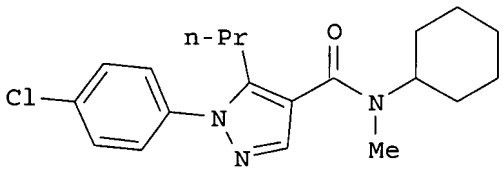


III

AB The invention is directed to the use of substituted amides of formula R3CONR1R2 (I), and their optical isomers or mixture of optical isomers, including racemates, and tautomers, their prodrugs, pharmaceutically acceptable salts, [wherein R1 = (un)substituted cyclo/hetcyclo/aryl/hetaryl/alkyl, het/aryl, etc.; R2 = H, (un)substituted aryl/cycloalkyl/alkylcarboxy/alkyl, het/aryl; or R1NR2 = (un)substituted (un)saturated bi/tricyclic ring containing 4-10 carbons, and 0-2 heteroatoms; R3 = (un)substituted cyclo/hetcyclo/aryl/alkyloxy/hetaryl/arylalkyl/alkyl, alkenyl, alkynyl, het/aryl] for modulating, especially inhibiting, the activity of 11β-hydroxysteroid dehydrogenase type 1 (11β-HSD1) and use of their pharmaceutical compns. in the treatment, prevention, prophylaxis of a range of medical disorders where a decreased intracellular concentration of active glucocorticoid is desirable. The invention is also directed to the preparation of certain title compds. I. For instance, acylation of 1H-benzimidazole-5-carboxylic acid with N-cyclohexyl-N-methylamine in THF in the presence of HOBT/EDAC/DIPEA gave amide II in 49% yield. Pyrazole-4-carboxamide (III) inhibited 11β-HSD1 enzyme with an IC50 = 0.04 μM. I are useful for treating metabolic disorders, type II diabetes, impaired glucose tolerance, impaired fasting glucose, dyslipidemia, obesity, hypertension, diabetic late complications, neurodegenerative and psychiatric disorders and adverse effects of treatment or therapy with glucocorticoid receptor agonists.

L4 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:493691 CAPLUS
DOCUMENT NUMBER: 141:54347
TITLE: A preparation of heterocyclic non-nucleoside reverse

transcriptase inhibitors, useful for the treatment of HIV-1

INVENTOR(S): Simoneau, Bruno; Thavonekham, Bounkham; Landry, Serge; O'Meara, Jeffrey; Yoakim, Christiane; Faucher, Anne-Marie

PATENT ASSIGNEE(S): Boehringer Ingelheim International G.m.b.H., Germany

SOURCE: PCT Int. Appl., 102 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

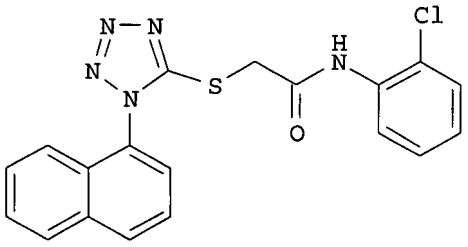
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004050643	A2	20040617	WO 2003-CA1870		20031201
WO 2004050643	A3	20040910			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
US 2005054639	A1	20050310	US 2003-719369		20031121
CA 2505033	A1	20040617	CA 2003-2505033		20031201
AU 2003287806	A1	20040623	AU 2003-287806		20031201
EP 1569919	A2	20050907	EP 2003-779603		20031201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
BR 2003016385	A	20051004	BR 2003-16385		20031201
CN 1720043	A	20060111	CN 2003-80105164		20031201
JP 2006514936	T	20060518	JP 2004-555920		20031201
IN 2005DN02266	A	20070406	IN 2005-DN2266		20050527
MX 2005PA05871	A	20050829	MX 2005-PA5871		20050602
NO 2005002712	A	20050627	NO 2005-2712		20050606
PRIORITY APPLN. INFO.:			US 2002-430796P	P	20021204
			WO 2003-CA1870	W	20031201

OTHER SOURCE(S): MARPAT 141:54347

GI



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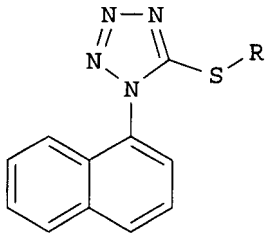

II

AB The invention relates to heterocyclic compds. of formula Ar1-X-W-Ar2 [wherein: Ar1 is (un)substituted 5- or 6-membered aromatic heterocycle containing N, O, or S; Ar2 is (un)substituted Ph or pyridine derivative; X is a heteroatom (O, S, S(O), or SO2, etc.), a valence bond or an optionally substituted divalent methylene, etc.; W is a divalent alkylene or (un)substituted alkyleneamido, amido, or oxy radicals, etc.], useful for the treatment of HIV-1. The invention compds. were screened in reverse transcriptase assays (enzymic assay, P24 cellular assay, and C8166 HIV-1 Luciferase assay). The compds. have inhibitory activity against Wild Type (WT) and single or double mutant strains of HIV. For instance, tetrazole derivative I (WT IC50 < 50 nM; K103N/Y181C EC50 > 100 nM) was prepared via heterocyclization of 1-naphthalenylisothiocyanate with NaN3, acetylation of the obtained tetrazolethione derivative II (R = H), and subsequent amidation of the obtained carboxylic acid II (R = CH2CO2H) by o-chloroaniline (example 1, entry 208).

L4 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:308354 CAPLUS
DOCUMENT NUMBER: 140:317121
TITLE: Non-nucleoside reverse transcriptase inhibitors for use in treatment of HIV infection
INVENTOR(S): Girardet, Jean-Luc; Zhang, Zhijun; Hamatake, Robert; de la Rosa Hernandez, Martha A.; Gunic, Esmir; Hong, Zhi; Kim, Hongwoo; Koh, Yung-Hyo; Nilar, Shahul; Shaw, Stephanie; Yao, Nanhua
PATENT ASSIGNEE(S): Ribapharm Inc., USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004030611	A2	20040415	WO 2003-US27433	20030822
WO 2004030611	A3	20040617		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2496565	A1	20040415	CA 2003-2496565		20030822
AU 2003295324	A1	20040423	AU 2003-295324		20030822
BR 2003013747	A	20050621	BR 2003-13747		20030822
EP 1545483	A2	20050629	EP 2003-786506		20030822

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

CN 1697650	A	20051116	CN 2003-824337		20030822
JP 2006505543	T	20060216	JP 2004-541500		20030822
MX 2005PA02070	A	20050705	MX 2005-PA2070		20050222
IN 2005CN00455	A	20070406	IN 2005-CN455		20050322
US 2006135556	A1	20060622	US 2005-526249		20050803
PRIORITY APPLN. INFO.:			WO 2002-US26816	A	20020823
			WO 2003-US27433	W	20030822

OTHER SOURCE(S): MARPAT 140:317121

AB Carbonyl amides HET-L-C(Y)-NR1R2 [I; HET = heterocycle; L = linker with at least two atoms; Y = O, S, NR3; R1,R3 = H, halo, lower alkyl; R2 = (substituted)aryl, cycloalkyl, cycloalkenyl, heterocycle] are disclosed which function in vitro and in vivo as non-nucleoside inhibitors of reverse transcriptase, particularly of HIV reverse transcriptase. Therefore, I may be employed in the treatment of HIV1-infected patients.

L4 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:168177 CAPLUS
DOCUMENT NUMBER: 134:217175
TITLE: Sugar alcohol phosphatases or sugar phosphatases as novel targets for antiparasitic agents and use of the inhibitors in biocides and pharmaceuticals
INVENTOR(S): Thevelein, Johan; Van Dijck, Patrick
PATENT ASSIGNEE(S): K.U. Leuven Research & Development, Belg.
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2001016357	A2	20010308	WO 2000-EP8410		20000829
WO 2001016357	A3	20011129			

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1081232	A1	20010307	EP 1999-202805		19990830

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

EP 1206568	A2	20020522	EP 2000-964054		20000829

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL

PRIORITY APPLN. INFO.:	EP 1999-202805	A	19990830
	EP 2000-870145	A	20000627
	WO 2000-EP8410	W	20000829

AB The use of an enzyme found in fungi, bacteria, insects, nematodes, worms, mites, protozoa etc. as a target in a screening assay is described by means of which agents capable of inhibiting the function of that enzyme may be identified. The screening assay may include complete cell or purified-enzyme assays. In particular, the present invention relates to a screening assay for inhibitors or suppressors of sugar alc. phosphatases or sugar phosphatases, and more in particular inhibitors or suppressors of trehalose-6-phosphate phosphatase, as well as prepns., in particular, pharmaceutical prepns., which include inhibitors or suppressors obtained from the screening assay. Inhibitors are described as well as applications in biocides and antifungal pharmaceuticals.

L4 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:518294 CAPLUS
DOCUMENT NUMBER: 131:165332
TITLE: α-Alkoxy- and α-thioalkoxyamide neuropeptide Y NPY5 receptor antagonists and therapeutic methods using them
INVENTOR(S): Connell, Richard D.; Lease, Timothy G.; Ladouceur, Gaetan H.; Osterhout, Martin H.
PATENT ASSIGNEE(S): Bayer Corporation, USA
SOURCE: U.S., 18 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 5939462	A	19990817	US 1998-23351		19980213
US 6245817	B1	20010612	US 1999-295073		19990420
PRIORITY APPLN. INFO.:			US 1997-82318P	P	19970214
			US 1998-23351	A3	19980213

OTHER SOURCE(S): MARPAT 131:165332
AB The invention provides α-alkoxy and α-thioalkoxyamide compns., and methods of administering the compns. to mammals, to treat disorders such as obesity that are mediated by NPY and especially those mediated by NPY via the Y5 receptor.
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:668117 CAPLUS
DOCUMENT NUMBER: 129:290069
TITLE: Quinolinic sulfide derivatives acting as nmda receptor antagonists and process for preparation thereof
INVENTOR(S): Park, No Sang; Seong, Churl Min; Jung, Young Sik; Choi, Jin Il; Lee, Chang Woo; Chung, Yong Jun; Choi, Seung Won; Kong, Jae Yang; Park, Woo Kyu
PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
SOURCE: Eur. Pat. Appl., 42 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 869122	A1	19981007	EP 1998-400731	19980327
EP 869122	B1	20021204		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

AT 229004	T	20021215	AT 1998-400731		19980327
JP 10310575	A	19981124	JP 1998-84760		19980330
JP 3130502	B2	20010131			
US 5990126	A	19991123	US 1998-52752		19980331
PRIORITY APPLN. INFO.:			KR 1997-11958	A	19970331
			KR 1997-13818	A	19970415
			KR 1997-58546	A	19971106

OTHER SOURCE(S): CASREACT 129:290069; MARPAT 129:290069

AB A class of quinolinic sulfide derivs. are potent and specific antagonists at the strychnine insensitive glycine binding site on the NMDA receptor complex with an pharmacol. advantageous profile. They may be useful in treatment or prevention of neurodegenerative disorders. Particularly, the compds. included in the present invention are especially useful for minimizing damage of the central nervous system arising as a consequence of ischemic or hypoxic condition such as stroke, hypoglycemia, cerebral ischemia, cardiac arrest, and phys. trauma. They are also useful in prevention of chronic neurodegenerative disorders including epilepsy, Alzheimer's disease, Huntington's disease and Parkinsonism. By virtue of their NMDA receptor antagonist properties, the present compds. may also use as anticonvulsant, analgesic, antidepressant, anxiolytic, and antischizophrenic agent.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:568808 CAPLUS

DOCUMENT NUMBER: 129:202952

TITLE: Preparation of α-alkoxy and α-thioalkoxyamides as NPY5 receptor antagonists

INVENTOR(S): Connell, Richard D.; Lease, Timothy G.; Ladouceur, Gaetan H.; Osterhout, Martin H.

PATENT ASSIGNEE(S): Bayer Corporation, USA

SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9835944	A1	19980820	WO 1998-US2122	19980205
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2251580	A1	19980820	CA 1998-2251580	19980205
AU 9862671	A	19980908	AU 1998-62671	19980205
EP 927166	A1	19990707	EP 1998-904909	19980205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2000510870	T	20000822	JP 1998-535803	19980205
PRIORITY APPLN. INFO.:			US 1997-800795	A 19970214
			WO 1998-US2122	W 19980205

OTHER SOURCE(S): MARPAT 129:202952

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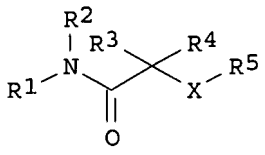

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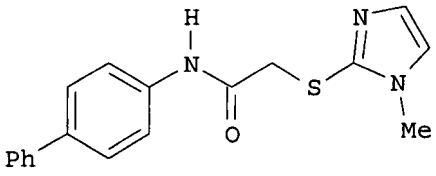


II

AB The title compds. [I; R1-R5 = H, halo, OH, etc.], useful to treat disorders such as obesity and bulimia that are mediated by NPY and especially those mediated by NPY via the Y5 receptor, were prepared and formulated. Thus, reaction of 2-mercapto-1-methylimidazole with N-biphenyl-2-chloroacetamide in the presence of K2CO3 in DMF afforded the title compound II which showed IC50 of 0.64 μM against hNPY5.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1993:222728 CAPLUS
DOCUMENT NUMBER: 118:222728
TITLE: Silver halide photographic material containing nucleating agent
INVENTOR(S): Usagawa, Yasushi; Sanpei, Takeshi; Onodera, Akira
PATENT ASSIGNEE(S): Konica K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04076530	A	19920311	JP 1990-191601	19900718

PRIORITY APPLN. INFO.: JP 1990-191601 19900718

AB The title material which comprises a support having thereon ≥1 Ag halide emulsion layer contains ≥1 hydrazine derivative R1(NR2)nC(:Y)N(R3)R4LR5NHNHCOCOX [R1, R2 = H, (substituted) alkyl, etc.; R3 = H, (substituted) benzyl, alkoxy, alkyl; R4, R5 = arylene; X = NR6R7, OR8; R6 to R8 = H, (substituted) alkyl, aryl; Y = S, O; L = a divalent linking group; n = 0 or 1]. The title material also contains ≥1 nucleating agent. The title material gives high-contrast images.

L4 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1992:224616 CAPLUS
DOCUMENT NUMBER: 116:224616
TITLE: Silver halide photographic material containing hydrazine core-forming agent for hard image
INVENTOR(S): Yagihara, Morio; Kato, Kazunobu
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03230152	A	19911014	JP 1990-25501	19900205
US 5124230	A	19920623	US 1991-650384	19910204

PRIORITY APPLN. INFO.: JP 1990-24229 A 19900202
JP 1990-25501 A 19900205

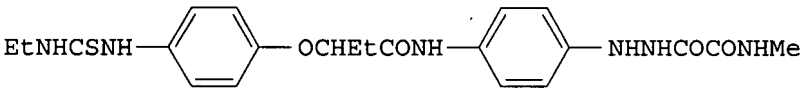
JP 1990-25502 A 19900205

AB The photog. material contains, in an emulsion layer or a hydrophilic colloid layer, hydrazine derivative R1SCH2CONHL1NA1NA2C(:O)H (A1, A2 = essential H, sulfonyl, acyl; L1 = divalent group; R1 = aromatic, heterocycle residue). The photog. material gives images with excellent hardness and dot quality.

L4 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:237563 CAPLUS
DOCUMENT NUMBER: 114:237563
TITLE: Formation of direct-positive images, and direct-positive silver halide photographic materials
INVENTOR(S): Usagawa, Yasushi; Ishii, Fumio; Kida, Shuji; Yoshizawa, Tomomi; Tosaka, Yasuo
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 19 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02287536	A	19901127	JP 1989-111249	19890428
JP 2835343	B2	19981214		

PRIORITY APPLN. INFO.: JP 1989-111249 19890428
GI



III

AB The image-forming method involves development of an imagewise exposed internal latent image Ag halide emulsion layer in the presence of R1(NR2)nC(:Y)NR3ZLZ1NHNHC(:O)C(:O)X (I) or ArNHNHC(:O)R (II) in amts. sufficient to produce fogging [R1-2 = H, alkyl, Ph, naphthyl, cyclohexyl, pyridyl, pyrrolidyl; n = 0, 1; R3 = H, benzyl, alkoxy, alkyl; Z, Z1 = arylene; X = NR4R5, OR6; R4-6 = H, alkyl, Ph, naphthyl; Y = S, O; L = divalent group; A = aryl having anchoring group(s) or group(s) enhancing adsorption of Ag halide; R = alkyl that may be substituted by alkoxy, aryloxy, heterocyclyloxy, SH, alkylthio, arylthio, alkylsulfonyl, arylsulfonyl, heterocyclylsulfonyl, acyl, Cl, Br, alkoxycarbonyl, aryloxycarbonyl, carbamoyl, alkylcarbamoyl, arylcarbamoyl, NH2, alkylamino, arylamino, acylamino, alkoxycarbonylamino, acyloxy, alkylaminocarbonyloxy, arylaminocarbonyloxy, sulfo, sulfamoyl, alkylsulfamoyl, arylsulfamoyl; 2 protons of NHNH groups in I and II may be substituted]. The direct-pos. photog. materials contain I or II. These materials and method provide high-d. image by processing with low-pH developer with low min. d., using relatively short fogging development. Increase of min. d. during storage of the material is suppressed. Thus, a direct-pos. color photog. paper with 7 layers was prepared; the 5th, 3rd, and 1st layers, which were blue-, green-, and red-sensitive, resp., contained internal latent-image Ag(Br,Cl) emulsion and 2 mmol/mol Ag fogging agent III. Sensitometric exposure and processing using developers with pH 10.5 and 11.0 showed maximum d. for magenta 2.03 and 2.23, resp., and min. d. 0.13 and 0.15, resp.

L4 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:199286 CAPLUS
DOCUMENT NUMBER: 114:199286
TITLE: New analgetically effective derivatives of

1-phenyl-5-mercaptotetrazole

AUTHOR(S): Kejha, Jiri; Slukova, D.; Brunova, B.; Maturova, E.; Grimova, J.

CORPORATE SOURCE: Vyzk. Ustav. Farm. Biochem., Prague, Czech.

SOURCE: Cesko-Slovenska Farmacie (1990), 39(7), 294-8
CODEN: CKFRAY; ISSN: 0009-0530

DOCUMENT TYPE: Journal

LANGUAGE: Czech

AB A group of 19 title derivs. was prepared and tested for oral toxicity in mice and analgetic and anti-inflammatory activities in rats. The acute toxicity was found with doses >1 g/kg. No derivative had any appreciable anti-inflammatory effects, but one derivative had an analgetic activity comparable to that of aminophenazone. Preliminary testing for antiulcer effects showed no such activity.

L4 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1981:515571 CAPLUS

DOCUMENT NUMBER: 95:115571

TITLE: Tetrazolyloxycarboxamides and their use as herbicides

INVENTOR(S): Forster, Heinz; Hofer, Wolfgang; Maurer, Fritz; Mues, Volker; Eue, Ludwig; Schmidt, Robert Rudolf

PATENT ASSIGNEE(S): Bayer A.-G. , Fed. Rep. Ger.

SOURCE: Eur. Pat. Appl., 53 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

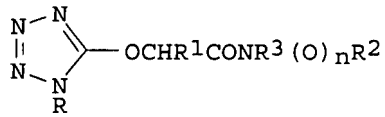
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 29183	A1	19810527	EP 1980-106848	19801106
EP 29183	B1	19830112		
R: AT, BE, CH, DE, FR, GB, IT, NL, SE				
DE 2946432	A1	19810611	DE 1979-2946432	19791117
US 4399285	A	19830816	US 1980-200171	19801024
AT 2217	T	19830115	AT 1980-106848	19801106
DK 8004881	A	19810518	DK 1980-4881	19801114
BR 8007458	A	19810526	BR 1980-7458	19801114
JP 56086175	A	19810713	JP 1980-159665	19801114
ES 496849	A1	19811101	ES 1980-496849	19801114
ZA 8007095	A	19811125	ZA 1980-7095	19801114
CA 1152988	A1	19830830	CA 1980-364650	19801114
IL 61485	A	19841231	IL 1980-61485	19801114
AU 8064428	A	19810521	AU 1980-64428	19801117
AU 540102	B2	19841101		
HU 26575	A2	19830928	HU 1980-2747	19801117
HU 188755	B	19860528		

PRIORITY APPLN. INFO.: DE 1979-2946432 A 19791117
EP 1980-106848 A 19801106

OTHER SOURCE(S): MARPAT 95:115571

GI



I

AB The herbicidal compds. I [R = (substituted) alkyl or aryl; R1 = H, alkyl; R2, R3 = H, (substituted) aliphatic, cycloaliph., aryl, aralkyl, n = 0, 1; when n = 0, R2R3N may form ring] were prepared by the reaction of a halotetrazole with HOCHR1CONR3(O)nR2. Thus, hydroxyacetic acid

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     2-methylpiperidide reacted with 5-chloro-1-phenyl-1H-tetrazole in Me3COH
     containing Me3COK to give 69% I (R = Ph, R1 = H, n = 0, NR2R3 =
     2-methyl-1-piperidinyl).


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     (FILE 'HOME' ENTERED AT 10:29:53 ON 15 AUG 2007)

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L3         4346 S L1 FULL

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L4           21 S L3

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FULL ESTIMATED COST                                     155.43     330.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                     -16.38     -16.38

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STRUCTURE FILE UPDATES:   14 AUG 2007  HIGHEST RN 944643-48-5
DICTIONARY FILE UPDATES:  14 AUG 2007  HIGHEST RN 944643-48-5

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  Please note that search-term pricing does apply when
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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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      23812005 2
       5190014 CHLORO
            56 CHLOROS
       5190014 CHLORO
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       1835618 METHYLPHENYL
          4609 2-CHLORO-4-METHYLPHENYL
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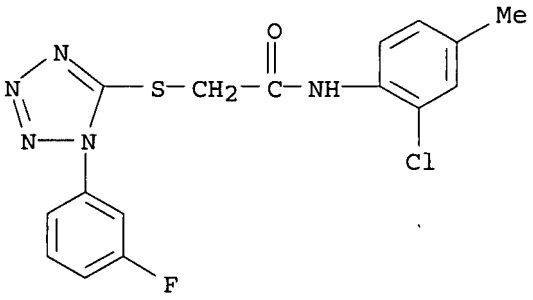
L5 ANSWER 1 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 930742-12-4 REGISTRY
ED Entered STN: 18 Apr 2007
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-(3-fluorophenyl)-1H-tetrazol-5-yl]thio]- (CA INDEX NAME)
MF C16 H13 Cl F N5 O S
SR Chemical Library
Supplier: Enamine
LC STN Files: CHEMCATS



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L5 ANSWER 2 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 892042-88-5 REGISTRY
ED Entered STN: 11 Jul 2006
CN Acetamide, 2-[[1-(4-bromophenyl)-1H-tetrazol-5-yl]thio]-N-(2-chloro-4-methylphenyl)- (CA INDEX NAME)
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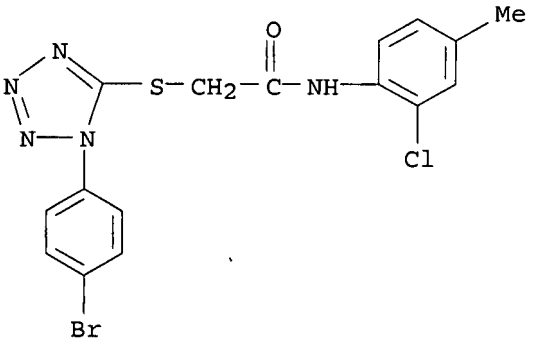

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L5 ANSWER 3 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 892042-80-7 REGISTRY
ED Entered STN: 11 Jul 2006
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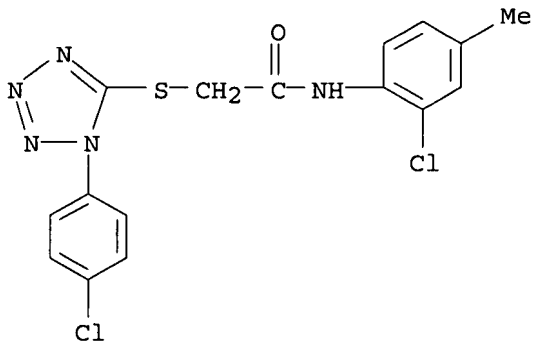
LC STN Files: CHEMCATS



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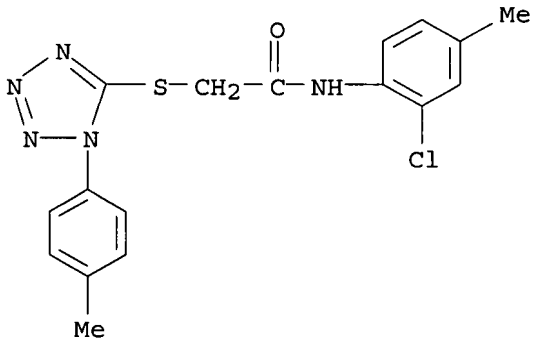
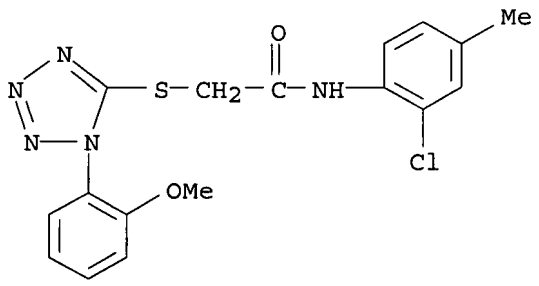
L5 ANSWER 4 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 892042-65-8 REGISTRY
ED Entered STN: 11 Jul 2006
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-(4-methylphenyl)-1H-tetrazol-5-yl]thio]- (CA INDEX NAME)
MF C17 H16 Cl N5 O S
SR Chemical Library
Supplier: Scientific Exchange, Inc.
LC STN Files: CHEMCATS



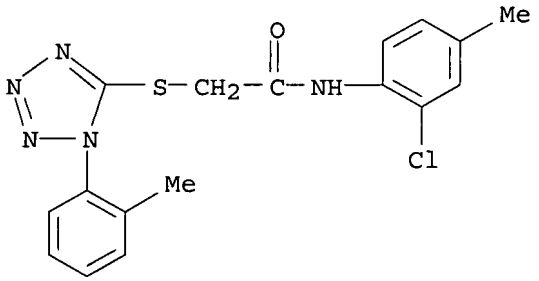
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 5 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 892042-57-8 REGISTRY
ED Entered STN: 11 Jul 2006
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-(2-methoxyphenyl)-1H-tetrazol-5-yl]thio]- (CA INDEX NAME)
MF C17 H16 Cl N5 O2 S
SR Chemical Library
Supplier: Scientific Exchange, Inc.
LC STN Files: CHEMCATS



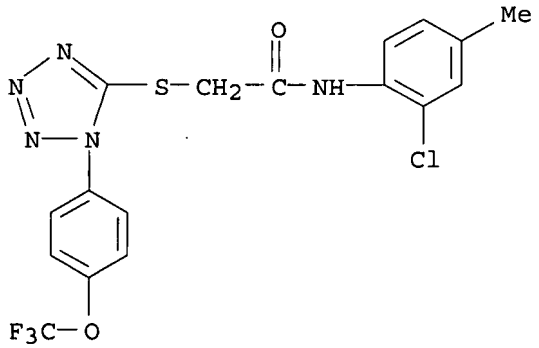
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 6 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 892042-49-8 REGISTRY
ED Entered STN: 11 Jul 2006
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-(2-methylphenyl)-1H-tetrazol-5-yl]thio]- (CA INDEX NAME)
MF C17 H16 Cl N5 O S
SR Chemical Library
Supplier: Scientific Exchange, Inc.
LC STN Files: CHEMCATS



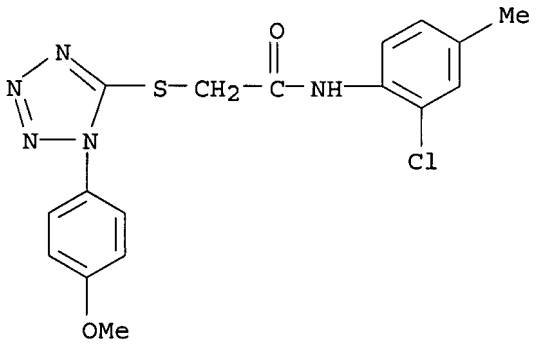
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 7 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 879343-78-9 REGISTRY
ED Entered STN: 05 Apr 2006
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-[4-(trifluoromethoxy)phenyl]-1H-tetrazol-5-yl]thio]- (9CI) (CA INDEX NAME)
MF C17 H13 Cl F3 N5 O2 S
SR Chemical Library
Supplier: Enamine
LC STN Files: CHEMCATS



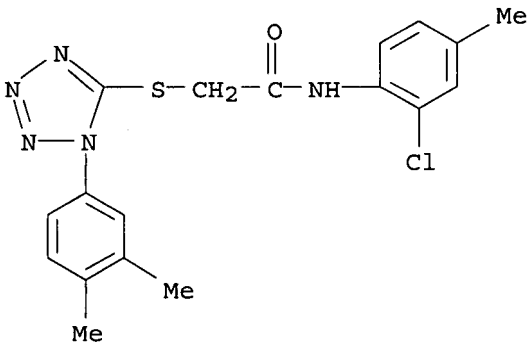
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 8 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 879302-78-0 REGISTRY
ED Entered STN: 05 Apr 2006
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-(4-methoxyphenyl)-1H-tetrazol-5-yl]thio]- (9CI) (CA INDEX NAME)
MF C17 H16 Cl N5 O2 S
SR Chemical Library
Supplier: Scientific Exchange, Inc.
LC STN Files: CHEMCATS



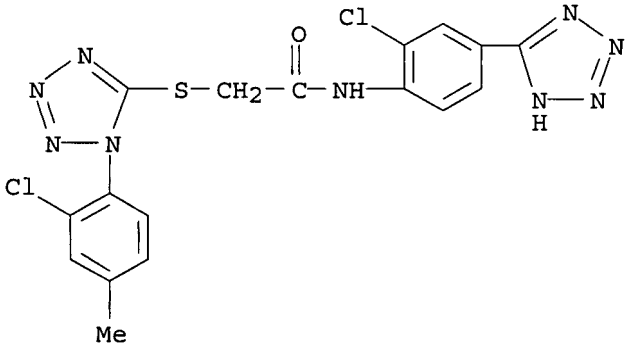
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 9 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 875620-80-7 REGISTRY
ED Entered STN: 02 Mar 2006
CN Acetamide, N-(2-chloro-4-methylphenyl)-2-[[1-(3,4-dimethylphenyl)-1H-tetrazol-5-yl]thio]- (9CI) (CA INDEX NAME)
MF C18 H18 Cl N5 O S
SR Chemical Library
Supplier: Aurora Fine Chemicals
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 10 OF 53 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871472-26-3 REGISTRY
ED Entered STN: 09 Jan 2006
CN Acetamide, 2-[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-yl]thio]-N-[2-chloro-4-(1H-tetrazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)
MF C17 H13 Cl2 N9 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s benzoic amide/cn
L6            0 BENZOIC AMIDE/CN

=> s benzoic amide
        991215 BENZOIC
       5428723 AMIDE
          1075 AMIDES
       5428723 AMIDE
                  (AMIDE OR AMIDES)
L7            1 BENZOIC AMIDE
                  (BENZOIC(W)AMIDE)

=> d

L7   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
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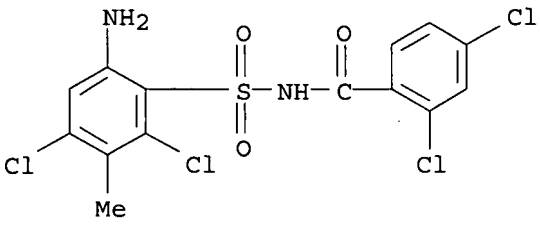
RN 29003-65-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzamide, N-[(6-amino-2,4-dichloro-m-tolyl)sulfonyl]-2,4-dichloro- (8CI) (CA INDEX NAME)
OTHER NAMES:
CN N-(6-Amino-2,4-dichloro-3-methylbenzenesulfonyl)-2,4-dichlorobenzoic amide
MF C14 H10 Cl4 N2 O3 S
LC STN Files: CA, CAPLUS



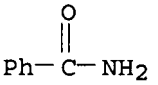
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s benzamide/cn
L8 1 BENZAMIDE/CN

=> d

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 55-21-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzamide (CA INDEX NAME)
OTHER NAMES:
CN Benzenecarboxamide
CN Benzoic acid amide
CN Benzoylamine
CN NSC 3114
CN Phenylamide
CN Phenylcarboxamide
DR 27208-38-4
MF C7 H7 N O
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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            4520 REFERENCES IN FILE CA (1907 TO DATE)
             400 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            4530 REFERENCES IN FILE CAPLUS (1907 TO DATE)
               2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)


=> d hist

     (FILE 'HOME' ENTERED AT 10:29:53 ON 15 AUG 2007)

     FILE 'REGISTRY' ENTERED AT 10:30:10 ON 15 AUG 2007
L1              STRUCTURE UPLOADED
L2           50 S L1 SAM
L3         4346 S L1 FULL

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:32:14 ON 15 AUG 2007
L4           21 S L3

     FILE 'REGISTRY' ENTERED AT 10:44:18 ON 15 AUG 2007
L5           53 S L3 AND 2-CHLORO-4-METHYLPHENYL
L6            0 S BENZOIC AMIDE/CN
L7            1 S BENZOIC AMIDE
L8            1 S BENZAMIDE/CN

=> s l3 and benzamide
        874002 BENZAMIDE
L9         180 L3 AND BENZAMIDE

=> s l9 and l5
L10           4 L9 AND L5

=> d ibib 1-4
'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats.  The predefined substance formats
are:  (RN = CAS Registry Number)

REG     - RN
SAM     - Index Name, MF, and structure - no RN
FIDE    - All substance data, except sequence data
IDE     - FIDE, but only 50 names
SQIDE   - IDE, plus sequence data
SQIDE3  - Same as SQIDE, but 3-letter amino acid codes are used
SQD     - Protein sequence data, includes RN
SQD3    - Same as SQD, but 3-letter amino acid codes are used
SQN     - Protein sequence name information, includes RN

CALC    - Table of calculated properties
EPROP   - Table of experimental properties
PROP    - EPROP and CALC

Any CA File format may be combined with any substance format to
obtain CA references citing the substance.  The substance formats
must be cited first.  The CA File predefined formats are:

ABS  -- Abstract
APPS -- Application and Priority Information
BIB  -- CA Accession Number, plus Bibliographic Data
CAN  -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND  -- Index Data
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IPC  -- International Patent Classification
PATS -- PI, SO
STD  -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):cn

L10  ANSWER 1 OF 4  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   Benzamide, 3-chloro-4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-
     yl]thio]acetyl]amino]-N-ethyl- (9CI)  (CA INDEX NAME)

L10  ANSWER 2 OF 4  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   Benzamide, 3-chloro-4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-
     yl]thio]acetyl]amino]-N-methyl- (9CI)  (CA INDEX NAME)

L10  ANSWER 3 OF 4  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   Benzamide, 4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-
     yl]thio]acetyl]amino]-3-nitro- (9CI)  (CA INDEX NAME)

L10  ANSWER 4 OF 4  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   Benzamide, 3-chloro-4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-
     yl]thio]acetyl]amino]- (9CI)  (CA INDEX NAME)


=> d 1-4

L10  ANSWER 1 OF 4  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   871472-15-0  REGISTRY
ED   Entered STN:  09 Jan 2006
CN   Benzamide, 3-chloro-4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-
     yl]thio]acetyl]amino]-N-ethyl- (9CI)  (CA INDEX NAME)
MF   C19 H18 Cl2 N6 O2 S
SR   CA
LC   STN Files:   CA, CAPLUS, USPATFULL
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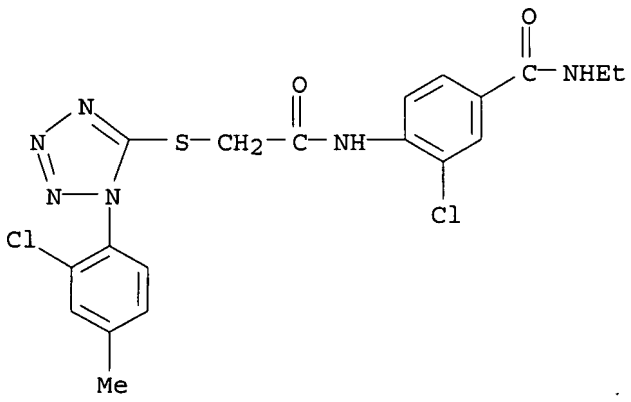
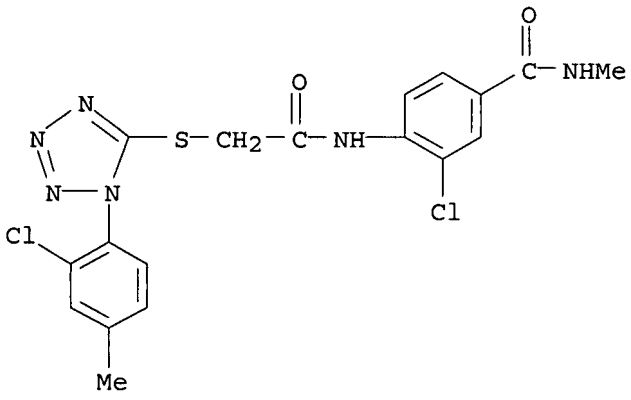


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

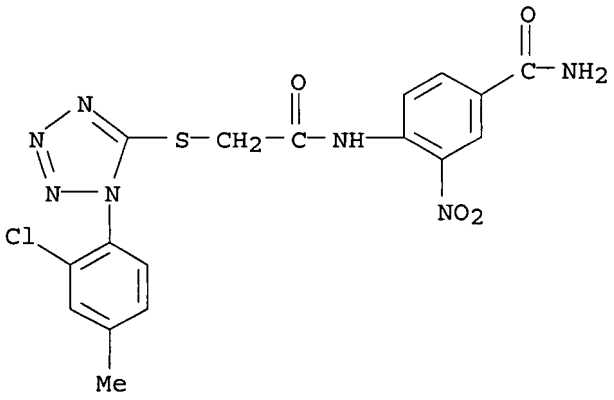
L10 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871472-14-9 REGISTRY
ED Entered STN: 09 Jan 2006
CN Benzamide, 3-chloro-4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-yl]thio]acetyl]amino]-N-methyl- (9CI) (CA INDEX NAME)
MF C18 H16 Cl2 N6 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

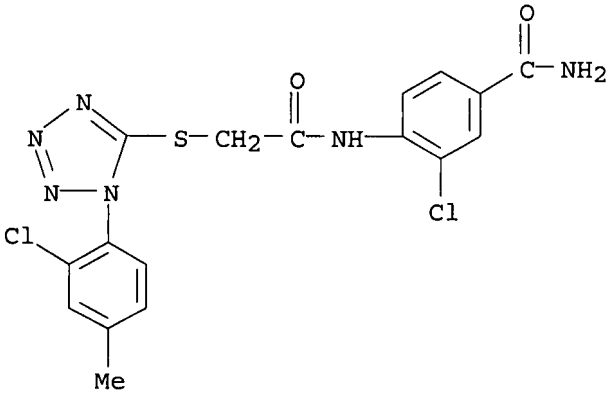
L10 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 705970-98-5 REGISTRY
ED Entered STN: 08 Jul 2004
CN Benzamide, 4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-yl]thio]acetyl]amino]-3-nitro- (9CI) (CA INDEX NAME)
MF C17 H14 Cl N7 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 705970-94-1 REGISTRY
ED Entered STN: 08 Jul 2004
CN Benzamide, 3-chloro-4-[[[[1-(2-chloro-4-methylphenyl)-1H-tetrazol-5-yl]thio]acetyl]amino]- (9CI) (CA INDEX NAME)
MF C17 H14 Cl2 N6 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	88.95	419.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-16.38

FILE 'CAPLUS' ENTERED AT 10:51:37 ON 15 AUG 2007

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 10:51:37 ON 15 AUG 2007

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     (FILE 'HOME' ENTERED AT 10:29:53 ON 15 AUG 2007)

     FILE 'REGISTRY' ENTERED AT 10:30:10 ON 15 AUG 2007
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L2           50 S L1 SAM
L3         4346 S L1 FULL

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:32:14 ON 15 AUG 2007
L4           21 S L3

     FILE 'REGISTRY' ENTERED AT 10:44:18 ON 15 AUG 2007
L5           53 S L3 AND 2-CHLORO-4-METHYLPHENYL
L6            0 S BENZOIC AMIDE/CN
L7            1 S BENZOIC AMIDE
L8            1 S BENZAMIDE/CN
L9          180 S L3 AND BENZAMIDE
L10           4 S L9 AND L5

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:51:37 ON 15 AUG 2007

=> s l9
L11           4 L9

=> d ibib 1-4

L11  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2006:315155  CAPLUS
DOCUMENT NUMBER:          145:8103
TITLE:                    Tetrazole thioacetanilides: Potent non-nucleoside
                          inhibitors of WT HIV reverse transcriptase and its
                          K103N mutant
AUTHOR(S):                Muraglia, Ester; Kinzel, Olaf D.; Laufer, Ralph;
                          Miller, Michael D.; Moyer, Gregory; Munshi, Vandna;
                          Orvieto, Federica; Palumbi, Maria Cecilia; Pescatore,
                          Giovanna; Rowley, Michael; Williams, Peter D.; Summa,
                          Vincenzo
CORPORATE SOURCE:         Department of Medicinal Chemistry, IRBM/MRL Rome,
                          Rome, 00040, Italy
SOURCE:                   Bioorganic & Medicinal Chemistry Letters (2006),
                          16(10), 2748-2752
                          CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER:                Elsevier B.V.
DOCUMENT TYPE:            Journal
LANGUAGE:                 English
OTHER SOURCE(S):          CASREACT 145:8103
REFERENCE COUNT:          8     THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11  ANSWER 2 OF 4  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2005:1311545  CAPLUS
DOCUMENT NUMBER:          144:51586
TITLE:                    Preparation of acetamide derivatives as reverse
                          transcriptase inhibitors for treatment of HIV
INVENTOR(S):              Deroy, Patrick; Faucher, Anne-Marie; Gagnon,
                          Alexandre; Landry, Serge; Morin, Sebastien; O'Meara,
                          Jeffrey; Simoneau, Bruno; Thavonekham, Bounkham;
                          Yoakim, Christiane
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PATENT ASSIGNEE(S): Boehringer Ingelheim International GmbH, Germany; Boehringer Ingelheim Pharma Gmbh & Co KG
SOURCE: PCT Int. Appl., 206 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005118575	A1	20051215	WO 2005-CA907	20050530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005282907	A1	20051222	US 2005-137831	20050524
CA 2555633	A1	20051215	CA 2005-2555633	20050530
EP 1756091	A1	20070228	EP 2005-757660	20050530
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				

PRIORITY APPLN. INFO.: US 2004-575888P P 20040601
WO 2005-CA907 W 20050530
OTHER SOURCE(S): CASREACT 144:51586; MARPAT 144:51586
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:1291889 CAPLUS
DOCUMENT NUMBER: 144:36351
TITLE: Preparation of tetrazolyl derivatives as HIV reverse transcriptase inhibitors
INVENTOR(S): Shaw-Reid, Cathryn A.; Miller, Michael D.; Hazuda, Daria J.; Ferrer, Marc; Sur, Sylvie M.; Summa, Vincenzo; Lyle, Terry A.; Kinzel, Olaf; Pescatore, Giovanna; Muraglia, Ester; Orvieto, Federica; Williams, Peter D.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.
SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005115147	A2	20051208	WO 2005-US16671	20050512
WO 2005115147	A3	20070419		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

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          RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
              AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
              EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
              RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
              MR, NE, SN, TD, TG, AP, EA, EP, OA
PRIORITY APPLN. INFO.:                        US 2004-572168P     P  20040518
OTHER SOURCE(S):          MARPAT 144:36351

L11  ANSWER 4 OF 4  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2004:493691  CAPLUS
DOCUMENT NUMBER:          141:54347
TITLE:                    A preparation of heterocyclic non-nucleoside reverse
                          transcriptase inhibitors, useful for the treatment of
                          HIV-1
INVENTOR(S):              Simoneau, Bruno; Thavonekham, Bounkham; Landry, Serge;
                          O'Meara, Jeffrey; Yoakim, Christiane; Faucher,
                          Anne-Marie
PATENT ASSIGNEE(S):       Boehringer Ingelheim International G.m.b.H., Germany
SOURCE:                   PCT Int. Appl., 102 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
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     WO 2004050643         A2    20040617    WO 2003-CA1870          20031201
     WO 2004050643         A3    20040910
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             TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
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     CA 2505033            A1    20040617    CA 2003-2505033         20031201
     AU 2003287806         A1    20040623    AU 2003-287806          20031201
     EP 1569919            A2    20050907    EP 2003-779603          20031201
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     IN 2005DN02266        A     20070406    IN 2005-DN2266          20050527
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     NO 2005002712         A     20050627    NO 2005-2712            20050606
PRIORITY APPLN. INFO.:                        US 2002-430796P     P  20021204
                                              WO 2003-CA1870      W  20031201
OTHER SOURCE(S):          MARPAT 141:54347


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L2              50 S L1 SAM
L3            4346 S L1 FULL
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     FILE 'REGISTRY' ENTERED AT 10:44:18 ON 15 AUG 2007
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L6             0 S BENZOIC AMIDE/CN
L7             1 S BENZOIC AMIDE
L8             1 S BENZAMIDE/CN
L9           180 S L3 AND BENZAMIDE
L10            4 S L9 AND L5

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:51:37 ON 15 AUG 2007
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L12            3 L5

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L12  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2005:1311545  CAPLUS
DOCUMENT NUMBER:          144:51586
TITLE:                    Preparation of acetamide derivatives as reverse
                          transcriptase inhibitors for treatment of HIV
INVENTOR(S):              Deroy, Patrick; Faucher, Anne-Marie; Gagnon,
                          Alexandre; Landry, Serge; Morin, Sebastien; O'Meara,
                          Jeffrey; Simoneau, Bruno; Thavonekham, Bounkham;
                          Yoakim, Christiane
PATENT ASSIGNEE(S):       Boehringer Ingelheim International GmbH, Germany;
                          Boehringer Ingelheim Pharma Gmbh & Co KG
SOURCE:                   PCT Int. Appl., 206 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

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     WO 2005118575         A1    20051215    WO 2005-CA907           20050530
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             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
             NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
             SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
             ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
     US 2005282907         A1    20051222    US 2005-137831          20050524
     CA 2555633            A1    20051215    CA 2005-2555633         20050530
     EP 1756091            A1    20070228    EP 2005-757660          20050530
         R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
PRIORITY APPLN. INFO.:                        US 2004-575888P     P  20040601
                                              WO 2005-CA907       W  20050530
OTHER SOURCE(S):          CASREACT 144:51586; MARPAT 144:51586
REFERENCE COUNT:          4     THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12  ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2005:1291889  CAPLUS
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DOCUMENT NUMBER: 144:36351
TITLE: Preparation of tetrazolyl derivatives as HIV reverse transcriptase inhibitors
INVENTOR(S): Shaw-Reid, Cathryn A.; Miller, Michael D.; Hazuda, Daria J.; Ferrer, Marc; Sur, Sylvie M.; Summa, Vincenzo; Lyle, Terry A.; Kinzel, Olaf; Pescatore, Giovanna; Muraglia, Ester; Orvieto, Federica; Williams, Peter D.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.
SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005115147	A2	20051208	WO 2005-US16671	20050512
WO 2005115147	A3	20070419		

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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2004-572168P P 20040518
OTHER SOURCE(S): MARPAT 144:36351

L12 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:493691 CAPLUS
DOCUMENT NUMBER: 141:54347
TITLE: A preparation of heterocyclic non-nucleoside reverse transcriptase inhibitors, useful for the treatment of HIV-1
INVENTOR(S): Simoneau, Bruno; Thavonekham, Bounkham; Landry, Serge; O'Meara, Jeffrey; Yoakim, Christiane; Faucher, Anne-Marie
PATENT ASSIGNEE(S): Boehringer Ingelheim International G.m.b.H., Germany
SOURCE: PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050643	A2	20040617	WO 2003-CA1870	20031201
WO 2004050643	A3	20040910		

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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,

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     CA 2505033             A1     20040617    CA 2003-2505033         20031201
     AU 2003287806          A1     20040623    AU 2003-287806          20031201
     EP 1569919             A2     20050907    EP 2003-779603          20031201
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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     BR 2003016385          A      20051004    BR 2003-16385           20031201
     CN 1720043             A      20060111    CN 2003-80105164        20031201
     JP 2006514936          T      20060518    JP 2004-555920          20031201
     IN 2005DN02266         A      20070406    IN 2005-DN2266          20050527
     MX 2005PA05871         A      20050829    MX 2005-PA5871          20050602
     NO 2005002712          A      20050627    NO 2005-2712            20050606
PRIORITY APPLN. INFO.:                          US 2002-430796P      P  20021204
                                                WO 2003-CA1870       W  20031201
OTHER SOURCE(S):         MARPAT 141:54347


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     FILE 'REGISTRY' ENTERED AT 10:30:10 ON 15 AUG 2007
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L2           50 S L1 SAM
L3         4346 S L1 FULL

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:32:14 ON 15 AUG 2007
L4           21 S L3

     FILE 'REGISTRY' ENTERED AT 10:44:18 ON 15 AUG 2007
L5           53 S L3 AND 2-CHLORO-4-METHYLPHENYL
L6            0 S BENZOIC AMIDE/CN
L7            1 S BENZOIC AMIDE
L8            1 S BENZAMIDE/CN
L9          180 S L3 AND BENZAMIDE
L10           4 S L9 AND L5

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:51:37 ON 15 AUG 2007
L11           4 S L9
L12           3 S L5

=> s l10
L13           2 L10

=> d ibib 1-2

L13  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2005:1311545  CAPLUS
DOCUMENT NUMBER:          144:51586
TITLE:                    Preparation of acetamide derivatives as reverse
                          transcriptase inhibitors for treatment of HIV
INVENTOR(S):              Deroy, Patrick; Faucher, Anne-Marie; Gagnon,
                          Alexandre; Landry, Serge; Morin, Sebastien; O'Meara,
                          Jeffrey; Simoneau, Bruno; Thavonekham, Bounkham;
                          Yoakim, Christiane
PATENT ASSIGNEE(S):       Boehringer Ingelheim International GmbH, Germany;
                          Boehringer Ingelheim Pharma Gmbh & Co KG
SOURCE:                   PCT Int. Appl., 206 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005118575	A1	20051215	WO 2005-CA907	20050530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2555633	A1	20051215	CA 2005-2555633	20050530
EP 1756091	A1	20070228	EP 2005-757660	20050530
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PRIORITY APPLN. INFO.: US 2004-575888P P 20040601
WO 2005-CA907 W 20050530

OTHER SOURCE(S): CASREACT 144:51586; MARPAT 144:51586
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:493691 CAPLUS
DOCUMENT NUMBER: 141:54347
TITLE: A preparation of heterocyclic non-nucleoside reverse transcriptase inhibitors, useful for the treatment of HIV-1
INVENTOR(S): Simoneau, Bruno; Thavonekham, Bounkham; Landry, Serge; O'Meara, Jeffrey; Yoakim, Christiane; Faucher, Anne-Marie
PATENT ASSIGNEE(S): Boehringer Ingelheim International G.m.b.H., Germany
SOURCE: PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050643	A2	20040617	WO 2003-CA1870	20031201
WO 2004050643	A3	20040910		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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     CN 1720043            A     20060111    CN 2003-80105164        20031201
     JP 2006514936         T     20060518    JP 2004-555920          20031201
     IN 2005DN02266        A     20070406    IN 2005-DN2266          20050527
     MX 2005PA05871        A     20050829    MX 2005-PA5871          20050602
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OTHER SOURCE(S):         MARPAT 141:54347


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L2           50 S L1 SAM
L3         4346 S L1 FULL

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:32:14 ON 15 AUG 2007
L4           21 S L3

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L5           53 S L3 AND 2-CHLORO-4-METHYLPHENYL
L6            0 S BENZOIC AMIDE/CN
L7            1 S BENZOIC AMIDE
L8            1 S BENZAMIDE/CN
L9          180 S L3 AND BENZAMIDE
L10           4 S L9 AND L5

     FILE 'CAPLUS, MEDLINE' ENTERED AT 10:51:37 ON 15 AUG 2007
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L12           3 S L5
L13           2 S L10

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FULL ESTIMATED COST                                   19.35     438.89

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 NEWS  2  MAY 01  New CAS web site launched
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